

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A split rim for a tire ~~comprising~~ comprising:

a one-side rim section on which a one-side bead portion of a pneumatic tire is seated and which has ~~a~~ an outer cylindrical portion in ~~the~~ an approximately cylindrical shape projecting inward in the axial ~~direction~~, the direction;

the other-side rim section on which the other-side bead portion of said pneumatic tire is seated and which has ~~a~~ an inner cylindrical portion in ~~the~~ an approximately cylindrical shape projecting inward in the axial direction and inserted into the outer cylindrical portion of said one-side rim ~~section~~, section;

a fastening means for fastening said one-side and the other-side rim sections to each other when the cylindrical portions of the one-side and the other-side rim sections are overlaid due to said ~~insertion~~, insertion; and

an expanding means for expanding a part of the inner cylindrical portion at said overlaid part outward in the radial direction to bring the inner and the outer cylindrical portions into close contact,

wherein the fastening means of the one-side rim section and the fastening means of the other-side rim section constitute a bayonet type fastening means for fastening the one-side rim section and the other-side rim section with each other.

2. (Currently Amended) A split rim for a tire according to claim 1, wherein said expanding means comprises a piston to be movably inserted into either of the cylindrical portions in the axial direction and having a tapered surface whose thickness is gradually reduced toward ~~the~~ a tip end, ~~and~~ of the inner cylindrical portion; and

a fluid chamber for expanding a part of the inner cylindrical portion by the tapered surface of the piston by having a fluid pressure to act on the piston to move it toward the tip end when a fluid is supplied.

3. (Currently Amended) ~~A split rim for a pneumatic tire according to claim 1~~
split rim for a tire comprising:

a one-side rim section on which a one-side bead portion of a pneumatic tire is seated and which has an outer cylindrical portion in an approximately cylindrical shape projecting inward in the axial direction;

an other-side rim section on which the other-side bead portion of said pneumatic tire is seated and which has an inner cylindrical portion in an approximately cylindrical shape projecting inward in the axial direction and inserted into the outer cylindrical portion of said one-side rim section;

a fastening means for fastening said one-side and the other-side rim sections to each other when the cylindrical portions of the one-side and the other-side rim sections are overlaid due to said insertion; and

an expanding means for expanding a part of the inner cylindrical portion at said overlaid part outward in the radial direction to bring the inner and the outer cylindrical portions into close contact,

wherein said fastening means is provided on either of the one-side rim section or the other-side rim section with an equal distance from ~~the~~ a rotation center and comprises a shaft body extending toward the other remaining rim section in the axial direction,

a plurality of fastening shafts made of projections projected outward from the shaft body, and a plurality of penetrating fastening holes formed on the other remaining rim section with an equal distance from the rotation center and made of a large hole portion through which said projections can pass in the axial direction and an arc portion extending

from each of the large hole portions toward the one side in the circumferential direction and having the width which is the same as or larger than the shaft body and smaller than the projections.

4. (Previously Presented) A split rim for a pneumatic tire according to claim 1, wherein said fastening means can fasten the one-side rim section and the other-side rim section at a plurality of positions in the axial direction.

5. (Original) A split rim for a pneumatic tire according to claim 3, wherein a plurality of projections are provided equally spaced from each other on said shaft body in the axial direction so that the one-side rim section and the other-side rim section can be fastened at a plurality of axial positions.

6. (Currently Amended) A method of assembling a rim/tire assembly ~~comprising~~
comprising:

a process of overlaying cylindrical portions of a one-side and the other-side rim sections by seating a one-side bead portion of a pneumatic tire on the one-side rim section and the other-side bead portion on the other side rim section as well as by inserting the cylindrical portion in the approximately cylindrical shape of the other-side rim section projecting inward in the axial direction into the cylindrical portion in the approximately cylindrical shape of the one-side rim section projecting inward in the axial ~~direction,~~
direction; and

a process of bringing the cylindrical portions on the inner and the outer sides into close contact by fastening said one-side and the other-side rim sections to each other with a fastening means and expanding a part of the inner cylindrical portion in the overlaid part outward in the radial direction with an expanding means,

wherein the fastening means of the one-side rim section and the fastening means of the other-side rim section constitute a bayonet type fastening means for fastening the one-side rim section and the other-side rim section with each other,

wherein the fastening means includes claws provided on the inner periphery of the cylindrical portion of the one-side rim section and the claws provided on the outer periphery of the cylindrical portion of the other-side rim section,

wherein the claws of the one-side rim section and the claws of the other-side rim section are engaged with each other when fluid under pressure is supplied to the tire chamber to generate a force in a direction to separate the one-side rim section and the other-side rim section from each other, for setting the rim width to a predetermined value and preventing relative rotation between the one-side rim section and the other-side rim section.

7. (Withdrawn-Currently Amended) A method for installing a rim/tire assembly ~~comprising comprising:~~

a process of conveying a rim/tire assembly made of a pneumatic tire, a one-side rim section on which a one-side bead portion of the pneumatic tire is seated, and the other-side rim section on which the other-side bead portion of said pneumatic tire is seated and which is detachably coupled to the one-side rim section onto a member to be attached, and

a process to attach and fix said conveyed rim/tire assembly to a predetermined position of the member to be attached with an attaching means as well as to have a first fluid passage formed in the member to be attached to communicate to a second fluid passage formed in the rim/tire assembly and to introduce a fluid between the one-side and the other-side rim sections and the pneumatic tire through the first and the second fluid passages.

8. (Withdrawn-Currently Amended) A device for installing a rim/tire assembly ~~comprising comprising:~~

a conveying means for conveying a rim/tire assembly made of a pneumatic tire, a one-side rim section on which a one-side bead portion of the pneumatic tire is seated, and the other-side rim section on which the other-side bead portion of said pneumatic tire is seated and which is detachably coupled to said one-side rim section into a member to be attached,

an attaching means for attaching/fixing said conveyed rim/tire assembly to a predetermined position of the member to be attached, and

a second fluid passage formed in the rim/tire assembly for introducing a fluid from a first passage between the one-side and the other-side rim sections and the pneumatic tire when being made to communicate to the first fluid passage formed in the member to be attached.

9. (Withdrawn) A device for installing a rim/tire assembly according to claim 8, wherein tapered surfaces with the same tapering angle and capable of surface contact with each other are formed on a contact portion between the attached/fixed rim/tire assembly and the member to be attached, respectively, and a force applying means is provided for applying a press-contact force to press these tapered surfaces into contact with each other.

10. (Withdrawn) A device for installing a rim/tire assembly according to claim 8, wherein an opening/closing valve is provided in said second fluid passage, and an opening member is provided on the member to be attached for switching said opening/closing valve to an open state when said rim/tire assembly is attached/fixed to the member to be attached.

11. (Withdrawn) A device for installing a rim/tire assembly according to claim 8, wherein said installing means is provided with a holder provided on the member to be attached and to which a coupling portion of the rim/tire assembly can be inserted, a ball to be inserted into each of a plurality of ball holes formed on the holder and having the diameter larger than the thickness of the holder, a slider slidably fitted on the outside of the holder and

pressing the ball inward, when the inner surface is engaged with the ball, and a recess formed on the outer surface of said coupling portion to which a part of the ball can be inserted when the ball is pressed inward.

12 (Withdrawn) A device for installing device a rim/tire assembly according to claim 8, wherein a positioning means is provided for positioning/fixing positions in the rotating direction of said rim/tire assembly and the member to be attached.

13. (New) A split rim for a tire comprising:

a one-side rim section on which a one-side bead portion of a pneumatic tire is seated and which has an outer cylindrical portion in an approximately cylindrical shape projecting inward in the axial direction;

an other-side rim section on which the other-side bead portion of said pneumatic tire is seated and which has an inner cylindrical portion in an approximately cylindrical shape projecting inward in the axial direction and inserted into the outer cylindrical portion of said one-side rim section; and

a fastening means for fastening said one-side and the other-side rim sections to each other when the cylindrical portions of the one-side and the other-side rim sections are overlaid due to said insertion,

wherein the fastening means includes claws provided on the inner periphery of the cylindrical portion of the one-side rim section and the claws provided on the outer periphery of the cylindrical portion of the other-side rim section,

wherein the claws of the one-side rim section and the claws of the other-side rim section are engaged with each other when fluid under pressure is supplied to the tire chamber to generate a force in a direction to separate the one-side rim section and the other-side rim section from each other, for setting the rim width to a predetermined value and preventing relative rotation between the one-side rim section and the other-side rim section.

14. (New) A split rim for a tire comprising:

a one-side rim section on which a one-side bead portion of a pneumatic tire is seated and which has an outer cylindrical portion in an approximately cylindrical shape projecting inward in the axial direction;

an other-side rim section on which the other-side bead portion of said pneumatic tire is seated and which has an inner cylindrical portion in an approximately cylindrical shape projecting inward in the axial direction and inserted into the outer cylindrical portion of said one-side rim section;

a fastening means for fastening said one-side and the other-side rim sections to each other when the cylindrical portions of the one-side and the other-side rim sections are overlaid due to said insertion; and

an expanding means for expanding a part of the inner cylindrical portion at said overlaid part outward in the radial direction to bring the inner and the outer cylindrical portions into close contact,

wherein the fastening means of the one-side rim section and the fastening means of the other-side rim section constitute a bayonet type fastening means for fastening the one-side rim section and the other-side rim section with each other,

wherein the fastening means includes claws provided on the inner periphery of the cylindrical portion of the one-side rim section and the claws provided on the outer periphery of the cylindrical portion of the other-side rim section, and

wherein the claws of the one-side rim section and the claws of the other-side rim section are engaged with each other when fluid under pressure is supplied to the tire chamber to generate a force in a direction to separate the one-side rim section and the other-side rim section from each other, for setting the rim width to a predetermined value and preventing relative rotation between the one-side rim section and the other-side rim section.